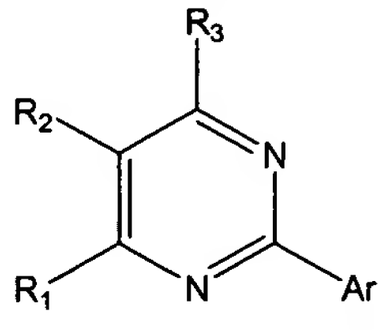
AMENDMENTS TO THE CLAIMS

1. (Currently amended) A compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein:

Ar is phenyl, ~~1- or 2-naphthyl, each of~~ which is mono-, di-, or tri-substituted;

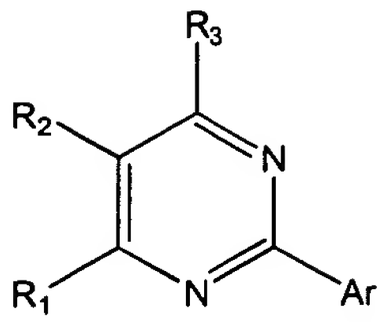
R_1 is ~~chosen from hydrogen, halogen, cyano, nitro, alkyl, alkenyl,~~ alkoxy, ~~(cycloalkyl)alkyl, alkylthio, alkylsulfinyl, alkylsulfonyl, or mono- or dialkylcarboxamide each of~~ which is optionally substituted with 0-3 substituents independently selected from Halogen, cyano, hydroxyl, amino, nitro, C_{1-6}alkyl, C_{2-6}alkenyl, C_{1-6}alkoxy, C_{1-6}alkanoyl, C_{1-6}aminoalkyl, carboxamido, and benzyl;

R_3 is ~~chosen from hydrogen, cyano, nitro,~~ alkyl, ~~alkenyl, alkoxy, (cycloalkyl)alkyl, alkylthio, alkylsulfinyl, alkylsulfonyl, or mono- or dialkylcarboxamide, each of~~ which is optionally substituted with 0-3 substituents independently selected from Halogen, cyano, hydroxyl, amino, nitro, C_{1-6}alkyl, C_{2-6}alkenyl, C_{1-6}alkoxy, C_{1-6}alkanoyl, C_{1-6}aminoalkyl, carboxamido, and benzyl, with the proviso that R_1 and R_3 are not both hydrogen; and

R_2 is ~~alkenyl, alkynyl, aminoalkyl,~~ mono or dialkylamino, ~~alkylthio, alkylsulfinyl, alkylsulfonyl, or mono or dialkylcarboxamide each of~~ which is optionally substituted with 0-3 substituents independently selected from Halogen, cyano, hydroxyl, amino, nitro, C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, C_{1-6}alkoxy, C_{1-6}alkanoyl, C_{1-6}aminoalkyl, carboxamido, and benzyl.

2. (Cancelled).

3. (Currently amended) A compound of the formula



or a pharmaceutically acceptable salt thereof, wherein:

R_1 is ~~and R_3 are independently selected from~~ ~~hydrogen, cyano, C_{1-6}alkyl, C_{2-6}alkenyl, (C_{3-7}cycloalkyl$_1$)C_{1-4}alkyl, (C_{3-7}cycloalkyl$_1$)C_{2-4}alkenyl, -O(C_{3-7}cycloalkyl$_1$)C_{1-4}alkyl, -O(C_{3-7}cycloalkyl$_1$)C_{2-4}alkenyl, halo(C_{1-6})alkyl, haloC_{2-6}alkenyl,~~ -O(halo(C_{1-6})alkyl), ~~-O(halo(C_{2-6})alkenyl),~~ or -O(C_{1-6}alkyl), ~~-O(C_{2-6}alkenyl), S(O)$_n$(C_{1-6}alkyl), and S(O)$_n$(C_{2-6}alkenyl),~~

where each alkyl~~, or alkenyl~~ is independently straight, branched, or cyclic, and is optionally substituted with one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino,

~~and~~

~~where each C_{3-7}cycloalkyl$_1$ is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino,~~

R_3 is C_{1-6} alkyl,

which is optionally substituted with one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino,

~~with the proviso that not both R_1 and R_3 are hydrogen;~~

R_2 is ~~selected from the group consisting of $-OR_A$, $-S(O)_nR_A$,~~ $-NR_AR_B$, ~~$-C(=O)NHR_A$, $-C(=O)NR_AR_B$, $-S(O)_nNHR_A$, $-S(O)_nNR_AR_B$, $-NHS(O)_nR_A$, $-NR_BS(O)_nR_A$, and 3- to 7-membered carbocyclic groups which are saturated or partially unsaturated,~~ which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, cyano, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), -N(C_{1-4}alkyl)(C_{1-4}alkyl),and -S(O)$_n$(alkyl);

Ar is ~~selected from the group consisting of~~ phenyl ~~and naphthyl, each of~~ which is mono-, di-, or tri-substituted with R_C;

R_A is independently selected at each occurrence from:

straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from oxo, hydroxy, halogen, cyano, amino, C_{1-6}alkoxy, -NH(C_{1-6}alkyl), -N(C_{1-6}alkyl)(C_{1-6}alkyl), -NHC(=O)(C_{1-6}alkyl), -N(C_{1-6}alkyl)C(=O)(C_{1-6}alkyl), -NHS(O)$_n$(C_{1-6}alkyl), -S(O)$_n$(C_{1-6} alkyl), -S(O)$_n$NH(C_{1-6}alkyl), -S(O)$_n$N(C_{1-6} alkyl)(C_{1-6}alkyl), and 3- to 7-membered carbocyclic groups which are saturated, unsaturated, or aromatic, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, cyano, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), -N(C_{1-4}alkyl)(C_{1-4}alkyl),and -S(O)$_n$(alkyl);

R_B is independently selected at each occurrence from:

hydrogen, straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from oxo, hydroxy, halogen, cyano, amino, C_{1-6}alkoxy, -NH(C_{1-6}alkyl), -N(C_{1-6}alkyl)(C_{1-6}alkyl), -NHC(=O)(C_{1-6}alkyl), -N(C_{1-6}alkyl)C(=O)(C_{1-6}alkyl), -NHS(O)$_n$(C_{1-6}alkyl), -S(O)$_n$(C_{1-6} alkyl), -S(O)$_n$NH(C_{1-6}alkyl), -S(O)$_n$N(C_{1-6} alkyl)(C_{1-6}alkyl), and 3- to 7-membered carbocyclic groups which are saturated, unsaturated, or aromatic, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, cyano, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), -N(C_{1-4}alkyl)(C_{1-4}alkyl),and -S(O)$_n$(alkyl);

R_C is independently selected at each occurrence from halogen, cyano, halo(C_{1-6})alkyl, halo(C_{1-6})alkoxy, hydroxy, amino, C_{1-6}alkyl substituted with 0-2 R_D, C_{2-6} alkenyl substituted with 0-2 R_D, C_{2-6}alkynyl substituted with 0-2 R_D, C_{3-7}cycloalkyl substituted with 0-2 R_D, (C_{3-7}cycloalkyl)C_{1-4}alkyl substituted with 0-2 R_D, C_{1-6}alkoxy substituted with 0-2 R_D, -NH(C_{1-6}alkyl) substituted with 0-2 R_D, -

$N(C_{1-6}alkyl)(C_{1-6}alkyl)$ each $C_{1-6}alkyl$ independently substituted with 0-2 R_D, $-XR_A$, and Y;

R_D is independently selected at each occurrence from the group consisting of halogen, hydroxy, cyano, amino, $C_{1-4}alkyl$, $-O(C_{1-4}alkyl)$, $-NH(C_{1-4}alkyl)$, $-N(C_{1-4}alkyl)(C_{1-4}alkyl)$,

$-S(O)_n(alkyl)$, $halo(C_{1-4})alkyl$, $halo(C_{1-4})alkoxy$, $CO(C_{1-4}alkyl)$, $CONH(C_{1-4}alkyl)$, $CON(C_{1-4}alkyl)(C_{1-4}alkyl)$, $-XR_A$, and Y;

X is independently selected at each occurrence from the group consisting of $-CH_2-$, $-CHR_B-$, -O-, -C(=O)-, -C(=O)O-, $-S(O)_n-$, -NH-, $-NR_B-$, -C(=O)NH-, $-C(=O)NR_B-$, $-S(O)_nNH-$, $-S(O)_nNR_B-$, -OC(=S)S-, -NHC(=O)-, $-NR_BC(=O)-$, $-NHS(O)_n-$, $-OSiH_n(C_{1-4}alkyl)_{2-n}-$, and $-NR_BS(O)_n-$;

Y is independently selected at each occurrence from: 3- to 7-membered carbocyclic groups or heterocyclic groups which are saturated, unsaturated, or aromatic, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, cyano, $C_{1-4}alkyl$, $-O(C_{1-4}alkyl)$, $-NH(C_{1-4}alkyl)$, $-N(C_{1-4}alkyl)(C_{1-4}alkyl)$,and $-S(O)_n(alkyl)$,

said 3- to 7-memberered heterocyclic groups containing one or more heteroatom(s) independently selected from N, O, and S, with the point of attachment being either carbon or nitrogen; and

n is independently selected at each occurrence from 0, 1, and 2.

4. (Canceled)

5. (Canceled)

6. (Currently amended) A compound or salt according to Claim 3, wherein:

Ar is phenyl mono-, di-, or tri-substituted with R_C; and

R_1 is ~~and R_3 are independently selected from the group consisting of~~ ~~$C_{1-3}alkyl$,~~ $C_{1-3}alkoxy$, ~~$(C_{3-7}cycloalkyl)C_{1-3}alkyl$, $(C_{3-7}cycloalkyl)C_{1-3}alkoxy$, each of~~ which is unsubstituted or substituted by 1-3 groups independently chosen from hydroxy, amino, cyano, and halogen;

R_3 is C_{1-3}alkyl, which is unsubstituted or substituted by 1-3 groups independently chosen from hydroxy, amino, cyano, and halogen.

7. (Previously Presented) A compound or salt according to Claim 3, wherein:

Ar is phenyl mono-, di-, or tri-substituted with R_C; and

R_A and R_B, which may be the same or different, are independently selected at each occurrence from:

straight, branched, or cyclic alkyl groups having from 1 to 8 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms.

8. (Currently amended) A compound or salt according to Claim 3, wherein:

Ar is phenyl mono-, di-, or tri-substituted with R_C;

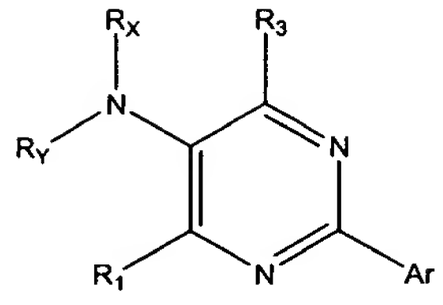
R_A and R_B, which may be the same or different, are independently selected at each occurrence from: straight, branched, or cyclic alkyl groups having from 1 to 8 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms; ~~and~~

~~R_1 and R_3 are independently selected from the group consisting of C_{1-3}alkyl, C_{1-3}alkoxy, (C_{3-7}cycloalkyl)C_{1-3}alkyl, (C_{3-7}cycloalkyl)C_{1-3}alkoxy, each of which is unsubstituted or substituted by 1-3 groups independently chosen from hydroxy, amino, cyano, and halogen~~

R_1 is C_{1-3}alkoxy, which is unsubstituted or substituted by 1-3 groups independently chosen from hydroxy, amino, cyano, and halogen; and

R_3 is C_{1-3}alkyl, which is unsubstituted or substituted by 1-3 groups independently chosen from hydroxy, amino, cyano, and halogen.

9. (Currently amended) A compound of Formula A



Formula A

or a pharmaceutically acceptable salt thereof, wherein:

R_X is independently selected from:

a) -(C=O)alkyl$_A$, wherein alkyl$_A$ is a straight or branched alkyl group having from 1 to 8 carbon atoms; and

b) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, cycloalkyl(alkyl) groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from:

i) hydroxy, halogen, amino, cyano, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), and -NH(C_{1-4}alkyl)(C_{1-4}alkyl), and

ii) 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be substituted with one or more substituents independently selected from halogen, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, oxo, hydroxy, amino, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), –N(C_{1-4}alkyl)(C_{1-4}alkyl), and

-S(O)$_n$(alkyl),

R_Y is selected from:

a) hydrogen,

b) -(C=O)alkylA, wherein alkylA is a straight or branched alkyl group having from 1 to 8 carbon atoms; and

c) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, cycloalkyl(alkyl) groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which

may be further substituted with one or more substituent(s) independently selected from:

i) hydroxy, halogen, amino, cyano, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), and -NH(C_{1-4}alkyl)(C_{1-4}alkyl), and

ii) 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be substituted with one or more substituents independently selected from halogen, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, oxo, hydroxy, amino, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), –N(C_{1-4}alkyl)(C_{1-4}alkyl), and

-$S(O)_n$(alkyl),

R_1 is ~~selected from hydrogen, halogen, cyano, C_{1-6} alkyl, C_{2-6}alkenyl, (C_{3-7}cycloalkyl$_1$)C_{1-4}alkyl, (C_{3-7}cycloalkyl$_1$)C_{2-4}alkenyl, -O(C_{3-7}cycloalkyl$_1$)C_{1-4}alkyl, -O(C_{3-7}cycloalkyl$_1$)C_{2-4}alkenyl, halo(C_{1-6})alkyl, haloC_{2-6}alkenyl,~~ -O(halo(C_{1-6})alkyl), or ~~-O(halo(C_{2-6})alkenyl),~~ -O(C_{1-6}alkyl), ~~-O(C_{2-6}alkenyl), $S(O)_n$(C_{1-6}alkyl), and $S(O)_n$(C_{2-6}alkenyl),~~

R_3 is ~~selected from hydrogen, cyano,~~ C_{1-6} alkyl, ~~C_{2-6}alkenyl, (C_{3-7}cycloalkyl$_1$)C_{1-4}alkyl, (C_{3-7}cycloalkyl$_1$)C_{2-4}alkenyl, -O(C_{3-7}cycloalkyl$_1$)C_{1-4}alkyl, -O(C_{3-7}cycloalkyl$_1$)C_{2-4}alkenyl, halo(C_{1-6})alkyl, haloC_{2-6}alkenyl, -O(halo(C_{1-6})alkyl), -O(halo(C_{2-6})alkenyl), -O(C_{1-6}alkyl), -O(C_{2-6}alkenyl), $S(O)_n$(C_{1-6}alkyl), and $S(O)_n$(C_{2-6}alkenyl),~~

where each alkyl~~, or alkenyl~~ is independently straight, branched, or cyclic, and is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino,

and

where said C_{3-7}cycloalkyl$_1$ is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino

~~with the proviso that not both R_1 and R_3 are hydrogen;~~

Ar is ~~selected from the group consisting of~~ phenyl ~~and naphthyl, each of~~ which is mono-, di-, or tri-substituted with R_C;

~~R_A and R_B, which may be the same or different, are independently selected at each occurrence from the group consisting of:~~

~~hydrogen, straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, and straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from oxo, hydroxy, halogen, nitro, cyano, C_{1-6}alkoxy, -NH(C_{1-6}alkyl), -N(C_{1-6}alkyl)(C_{1-6}alkyl), -NHC(=O)(C_{1-6}alkyl), -N(C_{1-6}alkyl)C(=O)(C_{1-6}alkyl), -NHS(O)$_n$(C_{1-6}alkyl), -S(O)$_n$(C_{1-6} alkyl), -S(O)$_n$NH(C_{1-6}alkyl), -S(O)$_n$N(C_{1-6} alkyl)(C_{1-6}alkyl), and Z;~~

R_C is independently selected at each occurrence from halogen, cyano, halo(C_{1-6})alkyl, halo(C_{1-6})alkoxy, hydroxy, amino, and C_{1-6}alkyl substituted with 0-2 R_D, C_{2-6} alkenyl substituted with 0-2 R_D, C_{2-6}alkynyl substituted with 0-2 R_D, C_{3-7}cycloalkyl substituted with 0-2 R_D, (C_{3-7}cycloalkyl)C_{1-4}alkyl substituted with 0-2 R_D, C_{1-6}alkoxy substituted with 0-2 R_D, -NH(C_{1-6}alkyl) substituted with 0-2 R_D, -N(C_{1-6}alkyl)(C_{1-6}alkyl) each C_{1-4}alkyl independently substituted with 0-2 R_D, -XR_A, and Y, with the proviso that at least one of the positions ortho or para to the point of attachment of Ar to the pyrimdine ring shown in Formula A is substituted;

R_D is independently selected at each occurrence the group consisting of halogen, hydroxy, cyano, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), -N(C_{1-4}alkyl)(C_{1-4}alkyl), -S(O)$_n$(alkyl) halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, CO(C_{1-4}alkyl), CONH(C_{1-4}alkyl), CON(C_{1-4}alkyl)(C_{1-4}alkyl), -XR_A, and Y;

X is independently selected at each occurrence from the group consisting of -CH_2-, -CHR_B-, -O-, -C(=O)-, -C(=O)O-, -S(O)$_n$-, -NH-, -NR_B-, -C(=O)NH-, -C(=O)NR_B-, -S(O)$_n$NH-, -S(O)$_n$$NR_B$-, -OC(=S)S-, -NHC(=O)-, -NR_BC(=O)-, -NHS(O)$_n$-, -OSiH_n(C_{1-4}-alkyl)$_{2-n}$-, and –NR_BS(O)$_n$-;

Y and Z are independently selected at each occurrence from the group consisting of: 3- to 7-membered carbocyclic groups or heterocyclic groups, which are saturated, unsaturated, or aromatic, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy,

amino, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), -N(C_{1-4}alkyl)(C_{1-4}alkyl), and -$S(O)_n$(alkyl); and

n is 0, 1, or 2.

10. (Currently amended) A compound or salt according to Claim 9, wherein:

R_X and R_Y are the same or different and are independently selected from:

a) -(C=O)$alkyl_A$, wherein $alkyl_A$ is a straight or branched alkyl group having from 1 to 8 carbon atoms;

b) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 12carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from:

i) hydroxy, halogen, amino, cyano, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), and -NH(C_{1-4}alkyl)(C_{1-4}alkyl), and

ii) 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be substituted with one or more substituents independently selected from halogen, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, oxo, hydroxy, amino, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), –N(C_{1-4}alkyl)(C_{1-4}alkyl), and -$S(O)_n$(alkyl),

R_1 is ~~selected from hydrogen, halogen, cyano, C_{1-6} alkyl, C_{2-6}alkenyl, (C_{3-7}cycloalkyl$_1$)C_{1-4}alkyl, (C_{3-7}cycloalkyl$_1$)C_{2-4}alkenyl, -O(C_{3-7}cycloalkyl$_1$)C_{1-4}alkyl, -O(C_{3-7}cycloalkyl$_1$)C_{2-4}alkenyl, halo(C_{1-6})alkyl, haloC$_{2-6}$alkenyl,~~ -O(halo(C_{1-6})alkyl), ~~-O(halo(C_{2-6})alkenyl),~~ or -O(C_{1-6}alkyl), ~~and -O(C_{2-6}alkenyl),~~

R_3 is ~~selected from hydrogen, cyano,~~ C_{1-6} alkyl, ~~C_{2-6}alkenyl, (C_{3-7}cycloalkyl$_1$)C_{1-4}alkyl, (C_{3-7}cycloalkyl$_1$)C_{2-4}alkenyl, -O(C_{3-7}cycloalkyl$_1$)C_{1-4}alkyl, -O(C_{3-7}cycloalkyl$_1$)C_{2-4}alkenyl, halo(C_{1-6})alkyl, haloC$_{2-6}$alkenyl, -O(halo(C_{1-6})alkyl), -O(halo(C_{2-6})alkenyl), -O(C_{1-6}alkyl), and -O(C_{2-6}alkenyl),~~

where each alkyl, ~~or alkenyl~~ is independently straight, branched, or cyclic, and is optionally substituted by one or more substituents independently chosen

from halogen, hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino,

~~and~~

~~where said C_{3-7}cycloalkyl$_1$ is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino~~

Ar is phenyl, which is mono-, di-, or tri-substituted with R_C;

~~R_A and R_B, which may be the same or different, are independently selected at each occurrence from the group consisting of:~~

~~hydrogen, straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, and straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from oxo, hydroxy, halogen, nitro, cyano, C_{1-6}alkoxy, -NH(C_{1-6}alkyl), -N(C_{1-6}alkyl)(C_{1-6}alkyl), -NHC(=O)(C_{1-6}alkyl), -N(C_{1-6}alkyl)C(=O)(C_{1-6}alkyl), and Z;~~

R_C is independently selected at each occurrence from halogen, cyano, halo(C_{1-6})alkyl, halo(C_{1-6})alkoxy, hydroxy, amino, and C_{1-6}alkyl substituted with 0-2 R_D, C_{2-6} alkenyl substituted with 0-2 R_D, C_{2-6}alkynyl substituted with 0-2 R_D, C_{3-7}cycloalkyl substituted with 0-2 R_D, (C_{3-7}cycloalkyl)C_{1-4}alkyl substituted with 0-2 R_D, C_{1-6}alkoxy substituted with 0-2 R_D, -NH(C_{1-6}alkyl) substituted with 0-2 R_D, -N(C_{1-6}alkyl)(C_{1-6}alkyl) each C_{1-4}alkyl independently substituted with 0-2 R_D, -XR_A, and Y, with the proviso that at least one of the positions ortho or para to the point of attachment of Ar to the pyrimidine ring shown in Formula A is substituted;

R_D is independently selected at each occurrence the group consisting of halogen, hydroxy, cyano, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), -N(C_{1-4}alkyl)(C_{1-4}alkyl), halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, CO(C_{1-4}alkyl), CONH(C_{1-4}alkyl), CON(C_{1-4}alkyl)(C_{1-4}alkyl), -XR_A, and Y;

X is independently selected at each occurrence from the group consisting of -CH_2-, -CHR_B-, -O-, -C(=O)-, -C(=O)O-, -NH-, -NR_B-, -C(=O)NH-, -C(=O)NR_B-, -NHC(=O)-, and -NR_BC(=O)-;

Y and Z are independently selected at each occurrence from the group consisting of: 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), and -N(C_{1-4}alkyl)(C_{1-4}alkyl); and

n is 0,1, or 2.

11. (Currently amended) A compound or salt according to claim 9, wherein:

Ar is phenyl mono-, di-, or tri-substituted with R_C, and

R_1 is ~~selected from the group consisting of~~

~~hydrogen, halogen,~~ C_{1-4}alkoxy, or ~~halo(C_{1-4})alkyl,~~ halo(C_{1-4})alkoxy,

~~C_{1-6}alkyl, which C_{1-6}alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino, and~~

~~(C_{3-7}cycloalkyl)C_{1-4}alkyl, which (C_{3-7}cycloalkyl)C_{1-4}alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino; and~~

R_3 is ~~selected from the group consisting of~~

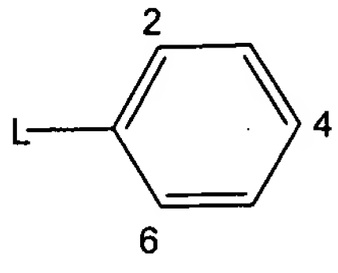
~~hydrogen, C_{1-4}alkoxy, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy,~~

C_{1-6}alkyl, which C_{1-6}alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino~~, and~~

~~(C_{3-7}cycloalkyl)C_{1-4}alkyl, which (C_{3-7}cycloalkyl)C_{1-4}alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino~~.

12. (Previously Presented) A compound or salt according to claim 9, wherein:

Ar is a phenyl group of the formula:



wherein L indicates a bond to the pyrimidine ring in Formula A

and the phenyl group is substituted at one, two, or three of positions 2, 4, and 6 positions of the phenyl ring with substitutents independently selected from:

i) halogen, cyano, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, hydroxy, amino, C_{1-6} alkyl, C_{1-6}alkoxy, (C_{1-4}alkoxy)C_{1-4}alkoxy, and mono- or di(C_{1-4}alkyl)amino,

ii) C_{1-6} alkyl and C_{1-6}alkoxy which are further substituted with a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which 3- to 7-membered carbocyclic and heterocyclic group may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), and -N(C_{1-4}alkyl)(C_{1-4}alkyl).

13. (Currently amended) A compound or salt according to claim 9, wherein:

Ar is phenyl mono-, di-, or tri-substituted with R_C,

R_X and R_Y, which may be the same or different, are independently selected at each occurrence from

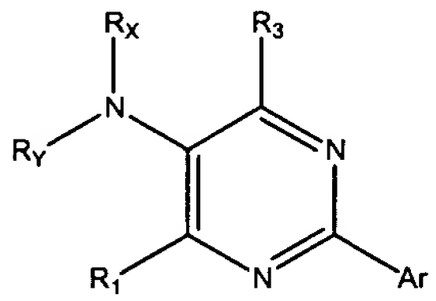
straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms;

R_1 is ~~selected from the group consisting of hydrogen, halogen,~~ C_{1-4}alkoxy, ~~halo(C_{1-4})alkyl,~~ or (halo(C_{1-4})alkoxy, ~~C_{1-6}alkyl, which C_{1-6}alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino, (C_{3-7}cycloalkyl)C_{1-4}alkyl, which (C_{3-7}cycloalkyl)C_{1-4}alkyl is unsubstituted or~~

~~substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino;~~ and

R_3 is ~~selected from the group consisting of hydrogen, C_{1-4}alkoxy, halo(C_{1-4})alkyl, (halo(C_{1-4})alkoxy,~~ C_{1-6}alkyl, which C_{1-6}alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino, (C_{3-7}cycloalkyl)C_{1-4}alkyl, which (C_{3-7}cycloalkyl)C_{1-4}alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C_{1-4}alkoxy, amino, and mono- or di(C_{1-4})alkylamino.

14. (Previously Presented) A compound or salt according to claim 9 of the formula:

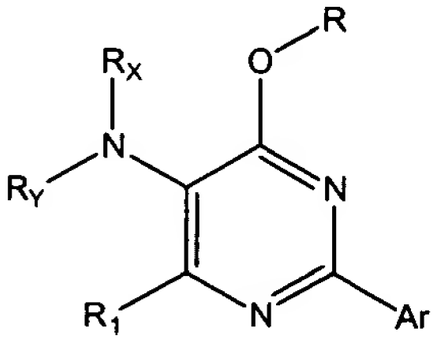


wherein R_X is $C_1 - C_6$ alkyl and R_Y is selected from the group consisting of: hydrogen and $C_1 - C_6$ alkyl.

15. (Canceled)

16. (Canceled)

17. (Currently amended) A compound or salt according to Claim 3 of Formula B:



Formula B

wherein

Ar is phenyl mono-, di-, or tri-substituted with R_C;

R is selected from straight, branched, or cyclic alkyl groups, (cycloalkyl)alkyl groups, ~~and straight, branched, or cyclic alkenyl groups~~, which are optionally substituted by one or more substituents independently chosen from oxo, hydroxy, halogen, cyano, -O(C_{1-4} alkyl), amino, -NH(C_{1-4} alkyl), and -N(C_{1-4} alkyl)(C_{1-4} alkyl);

R_1 is selected from ~~hydrogen, halogen, cyano, C_{1-4} alkyl, (C_{3-7}cycloalkyl)C_{1-4}alkyl, halo(C_{1-4})alkyl,~~ halo(C_{1-4})alkoxy, and -O(C_{1-4}alkyl); and

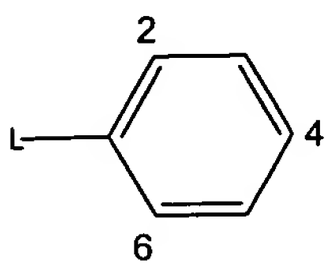
R_X and R_Y are the same or different and are independently selected from:

a) hydrogen (with the proviso that R_x and R_Y are not both hydrogen),

b) -(C=O)$alkyl_A$, wherein $alkyl_A$ is a straight or branched alkyl group having from 1 to 8 carbon atoms; and

c) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from (i) hydroxy, halogen, amino, cyano, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), and -NH(C_{1-4}alkyl)(C_{1-4}alkyl), and (ii) 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be substituted with one or more substitutents selected from halogen, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, oxo, hydroxy, amino, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), –N(C_{1-4}alkyl)(C_{1-4}alkyl), and -$S(O)_n$(alkyl.

18. (Previously Presented) A compound or salt according to Claim 17, wherein Ar is a phenyl group of the formula:



wherein L indicates a bond to the pyrimidine ring in Formula B

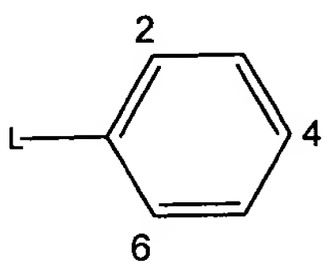
and the Ar phenyl group is substituted at one, two, or three of positions 2, 4, and 6 with substituents independently selected from:

i) halogen, cyano, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, hydroxy, amino, C_{1-6} alkyl, C_{1-6}alkoxy, (C_{1-4}alkoxy)C_{1-4}alkoxy, and mono- or di(C_{1-4}alkyl)amino,

ii) C_{1-6} alkyl and C_{1-6}alkoxy which are further substituted with a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which 3- to 7-membered carbocyclic group may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), and -N(C_{1-4}alkyl)(C_{1-4}alkyl).

19. (Previously Presented) A compound or salt according to Claim 17, wherein

Ar is a phenyl group of the formula:



wherein L indicates a bond to the pyrimidine ring in Formula B

and the Ar phenyl group is substituted at one, two, or three of positions 2, 4, and 6 with substituents independently selected from:

i) halogen, cyano, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, hydroxy, amino, C_{1-6} alkyl, C_{1-6}alkoxy, (C_{1-4}alkoxy)C_{1-4}alkoxy, and mono- or di(C_{1-4}alkyl)amino,

ii) C_{1-6} alkyl and C_{1-6}alkoxy which are further substituted with a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which 3- to 7-membered carbocyclic group may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), and -N(C_{1-4}alkyl)(C_{1-4}alkyl);

R_X and R_Y are the same or different and are independently selected from the group consisting of:

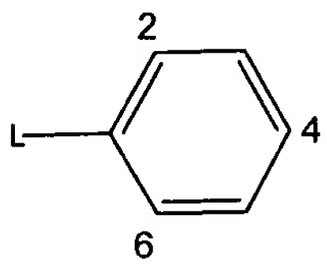
a) hydrogen (with the proviso that R_x and R_Y are not both hydrogen),

b) -(C=O)alkyl$_A$, wherein alkyl$_A$ is a straight or branched alkyl group having from 1 to 8 carbon atoms;

c) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, which may be further substituted with one or more substituent(s) independently selected from hydroxy, halogen, amino, cyano, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), and -NH(C_{1-4}alkyl)(C_{1-4}alkyl).

20. (Previously Presented) A compound or salt according to Claim 17, wherein

Ar is a phenyl group of the formula:



wherein L indicates a bond to the pyrimidine ring in Formula B

and the Ar phenyl group is substituted at one, two, or three of positions 2, 4, and 6 with substituents independently selected from:

i) halogen, cyano, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, hydroxy, amino, C_{1-6} alkyl, C_{1-6}alkoxy, (C_{1-4}alkoxy)C_{1-4}alkoxy, and mono- or di(C_{1-4}alkyl)amino,

ii) C_{1-6} alkyl and C_{1-6}alkoxy which are further substituted with a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which 3- to 7-membered carbocyclic group may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), and -N(C_{1-4}alkyl)(C_{1-4}alkyl);

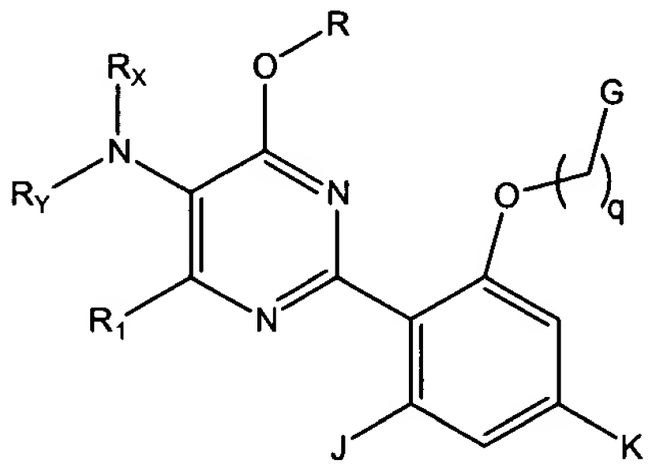
R_X and R_Y are the same or different and are independently selected from the group consisting of:

a) hydrogen (with the proviso that R_x and R_Y are not both hydrogen),

b) -(C=O)alkyl$_A$, wherein alkyl$_A$ is a straight or branched alkyl group having from 1 to 8 carbon atoms;

c) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms.

21. (Previously Presented) A compound or salt according to Claim 17, of the formula:



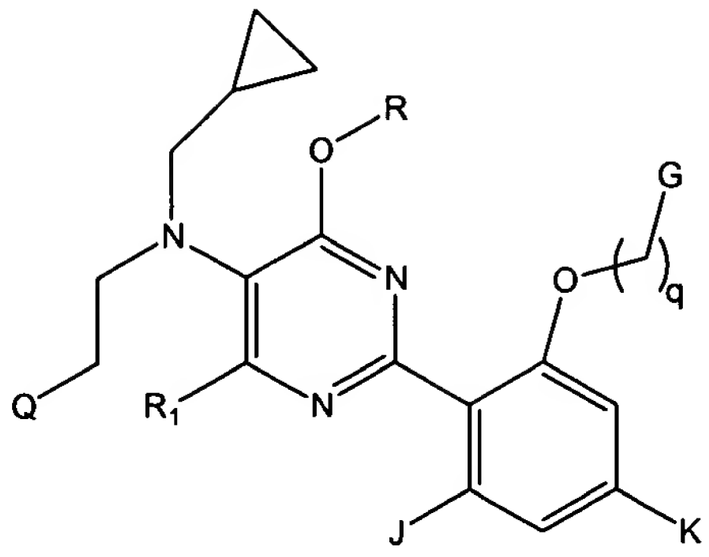
wherein:

q is an integer from 1 to 4;

G is hydrogen, hydroxy, C_{1-6}alkoxy, -NH(C_{1-6}alkyl), -N(C_{1-6}alkyl)(C_{1-6}alkyl), or a 3- to 7-membered carbocyclic group which is saturated, unsaturated, or aromatic, which is unsubstituted or substituted with one or more substituents independently selected from halogen, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, oxo, hydroxy, amino, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), –N(C_{1-4}alkyl)(C_{1-4}alkyl), and -S(O)$_n$(alkyl);

J and K are independently selected from halogen, cyano, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, hydroxy, amino, C_{1-6} alkyl, C_{1-4}alkyl, C_{1-4}alkoxy, (C_{1-4}alkoxy)C_{1-4}alkoxy, and mono- or di(C_{1-4}alkyl)amino.

22. (Currently amended) A compound or salt according to Claim 17, of the formula:



wherein:

Q is hydrogen or C_{3-7} cycloalkyl,;

q is an integer from 1 to 4;

G is hydrogen, hydroxy, C_{1-6}alkoxy, -NH(C_{1-6}alkyl), -N(C_{1-6}alkyl)(C_{1-6}alkyl), or a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which is unsubstituted or substituted with one or more substituents independently selected from halogen, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, oxo, hydroxy, amino, C_{1-4}alkyl, -O(C_{1-4}alkyl), -NH(C_{1-4}alkyl), –N(C_{1-4}alkyl)(C_{1-4}alkyl), and -S(O)$_n$(alkyl);

J and K are independently selected from halogen, cyano, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, hydroxy, amino, C_{1-6} alkyl, C_{1-4}alkyl, C_{1-4}alkoxy, (C_{1-4}alkoxy)C_{1-4}alkoxy, and mono- or di(C_{1-4}alkyl)amino**[[**; and**]]**.

23-34. (Cancelled).

35. (Previously Presented) A pharmaceutical composition comprising a pharmaceutically acceptable carrier or excipient and a compound or salt of Claim 1.

36-38. (Cancelled).

39. (Previously Presented) A compound according to Claim 1, which is [2-(2,4-dimethoxyphenyl)-4-methoxy-6-methylpyrimidin-5-yl]dipropylamine.

40. (Previously Presented) A compound according to Claim 1, which is [2-(2-chlorophenyl)-4-methoxy-6-methylpyrimidin -5-yl]dipropylamine.

41. (Previously Presented) A compound according to Claim 1, which is [2-(2,4-dichlorophenyl)-4-methoxy-6-methylpyrimidin -5-yl]dipropylamine.

42. (Previously Presented) A compound according to Claim 1, which is [2-(2-methoxy-4-chlorophenyl)-4-methoxy-6-methylpyrimidin -5-yl]dipropylamine.

43. (Previously Presented) A compound according to Claim 1, which is [2-(2-methoxy-4-isopropylphenyl)-4-methoxy-6-methylpyrimidin -5-yl]dipropylamine.

44. (Previously Presented) A compound according to Claim 1, which is [2-(2,4-dimethoxyphenyl)-4-methoxy-6-methyl pyrimidin-5-yl] dipropylamine.

45. (Previously Presented) A compound according to Claim 1, which is [4-methoxy-2-(6-methoxy-2,4-dimethylphenyl)-6-methylpyrimidin-5-yl]dipropylamine.

46. (Previously Presented) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-methoxy-6-ethyl pyrimidin-5-yl] dipropylamine.

47. (Previously Presented) A compound according to Claim 1, which is [2-(2,4,6-trimethylphenyl)-4-methoxy-6-methyl pyrimidin-5-yl] dipropylamine.

48. (Previously Presented) A compound according to Claim 1, which is [2-(2,4,6-trimethylphenyl)-4-methoxy-6-ethyl pyrimidin-5-yl] dipropylamine.

49. (Previously Presented) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-ethoxy-6-methyl pyrimidin-5-yl] dipropylamine.

50. (Previously Presented) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-(2-fluoroethoxy)-6-methyl pyrimidin-5-yl] dipropylamine.

51. (Previously Presented) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4isopropoxy-6-methyl pyrimidin-5-yl] dipropylamine.

52. (Previously Presented) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-methoxy-6-fluoromethyl pyrimidin-5-yl] dipropylamine.

53. (Previously Presented) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-methoxy-6-difluoromethyl pyrimidin-5-yl] dipropylamine.

54. (Previously Presented) A compound according to Claim 1, which is 1-[5-(dipropylamino)-6-methoxy-2-(2-methoxy-4,6-dimethylphenyl)-pyrimidin-4-yl]-ethan-1-ol.

55. (Previously Presented) A compound according to Claim 1, which is 1-[5-(dipropylamino)-6-methoxy-2-(2-methoxy-4,6-dimethylphenyl)-pyrimidin-4-yl]-propan-2-ol.

56. (Previously Presented) A compound according to Claim 1, which is [4-(2-Cyclopropyl-2-fluoro-ethyl)-6-methoxy-2-(2-methoxy-4,6-dimethyl-phenyl)-pyrimidin-5-yl]-dipropyl-amine.

57. (Previously Presented) A compound according to Claim 1, which is [4-(2-Cyclopropyl-2-hydroxy-ethyl)-6-methoxy-2-(2-methoxy-4,6-dimethyl-phenyl)-pyrimidin-5-yl]-dipropyl-amine.

58. (Previously Presented) A compound according to Claim 1, which is 1-[5-Dipropylamino-6-methoxy-2-(2-methoxy-4,6-dimethyl-phenyl)-pyrimidin-4-ylmethyl]-cyclobutanol.

59. (Previously Presented) A compound according to Claim 1, which is (Cyclopropylmethyl)[4-methoxy-2-(6-methoxy-2,4-dimethylphenyl)-6-methylpyrimidin-5-yl]propylamine.

60. (Previously Presented) A compound according to Claim 1, which is Cyclopropylmethyl-[2-(2-ethoxy-4,6-dimethylphenyl)-4-methoxy-6-methyl pyrimidin-5-yl] propyl-amine.

61. (Previously Presented) A compound according to Claim 1, which is Cyclopropylmethyl[2-(2-propoxy-4,6-dimethylphenyl)-4-methoxy-6-methylpyrimidin-5-yl] dipropylamine.

62. (Previously Presented) A compound according to Claim 1, which is Cyclopropylmethyl[2-(2-isopropoxy-4,6-dimethylphenyl)-4-methoxy-6-methylpyrimidin-5-yl] dipropylamine.

63. (Previously Presented) A compound according to Claim 1, which is Cyclopropylmethyl[2-(2-ethoxymethoxy-4,6-dimethylphenyl)-4-methoxy-6-methylpyrimidin-5-yl] dipropylamine.

64. (Previously Presented) A compound according to Claim 1, which is [2-(dimethylamino)ethyl](cyclopropylmethyl)[6-methoxy-2-(6-methoxy-2,4-dimethylphenyl)-4-methylpyrimidin-5-yl]amine.

65-66. (Cancelled).

67. (Previously Presented) Cyclopropylmethyl-(2-methoxy-ethyl)-[4-methoxy-2-(2-methoxy-4,6-dimethyl-phenyl)-6-methyl-pyrimidin-5-yl]-amine.

68. (Cancelled).

69. (Previously Presented) A pharmaceutical composition comprising a pharmaceutically acceptable carrier or excipient and a compound or salt of Claim 3.